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複素力学系とその関連分野の研究

京都大学数理解析研究所

2002年6月

Complex dynamics and related fields

(2001.10.9, 13:30 ~ 10.12, 16:20 at RIMS)

PROGRAM

October 9 (Tue)

- 13:30~14:30 Bergweiler, Walter (C.A.U. Kiel)
Critical points in parabolic basins
- 14:50~15:50 Tsujii, Masato (Hokkaido Univ.)
Skew product of one dimensional maps over expanding circle maps
- 16:05~17:05 Inou, Hiroyuki (Kyoto Univ.)
Surgery construction of renormalizable polynomials

October 10 (Wed)

- 9:30~10:30 Ushiki, Shigehiro (Kyoto Univ.)
Algebra of microfunctions and complex conformal measures on Julia sets
- 10:45~11:45 Bergweiler, Walter (C.A.U. Kiel)
Ahlfors theory and complex dynamics I
- 13:15~14:05 Taniguchi, Masahiko (Kyoto Univ.)
Deformation of a structurally finite entire function
- 14:15~15:05 Bergweiler, Walter (C.A.U. Kiel)
Morosawa, Shunsuke (Kochi Univ.)*
Semihyperbolic entire functions
- 15:25~16:10 Okuyama, Yusuke (Shizuoka Univ.)
On rotation domains and Cremer points of meromorphic functions
- 16:20~17:05 Shinohara, Tomoko (Kanazawa Univ.)
Local structure of homoclinic indeterminate point of Fatou mappings

October 11 (Thu)

- 9:30~10:30 Shishikura, Mitsuhiro (Kyoto Univ.)
Rigidity of quadratic polynomials
- 10:45~11:45 Bergweiler, Walter (C.A.U. Kiel)
Ahlfors theory and complex dynamics II
- 13:15~14:15 Keen, Linda (CUNY)
Period doubling for the tangent family

- 14:30~15:30 Cui, Guizhen (Academia Sinica)
Geometrically finite rational maps on the boundary of a hyperbolic component
- 15:50~16:20 Nakane, Shizuo (Tokyo Inst. Art)
Stretching rays for complex cubic polynomials
- 16:30~17:00 Uchimura, Keisuke (Tokai Univ.)
The sets of non-escaping points of generalized Chebyshev mappings

October 12 (Fri)

- 9:30~10:30 Oudkerk, Richard (Kyoto Univ.)
Towers and geometric convergence for rational maps
- 10:45~11:45 Yin, Yongcheng (Zhejiang Univ.)
Dynamics of critically non-recurrent maps
- 13:15~14:00 Jin, Teisuke (Tokyo Univ.)
Dynamics of Polynomial Automorphisms of \mathbb{C}^2 : Herman Ring
- 14:15~15:00 Fujikawa, Ege (Tokyo Inst. Tech.)
Dynamics of modular groups acting on infinite dimensional Teichmüller spaces
- 15:20~16:20 Sumi, Hiroki (Tokyo Inst. Tech.)
Porosity of Julia sets of semi-hyperbolic fibered rational maps and rational semigroups

複素力学系とその関連分野の研究
Complex dynamics and related fields
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2001年10月9日～10月12日

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